CATALOG UPDATE

This catalog supplement should be used by students and staff along with the existing 2012-2013 printed and online catalog. Students are strongly encouraged to seek advice from the Counseling Department. Additional information and publications will be made available to students throughout the year as appropriate.

P AGE **173**

MATHEMATICS

MATH 025 ARITHMETIC – LECTURE

(REVISED DESCRIPTION)

Reviews the fundamentals of addition, subtraction, multiplication, division, fractions, decimals, integers, percentages, area, volume, perimeter, systems of measurement, graphs and word problems. Units do not apply to the associate degree.

MATH 026 ARITHMETIC - COMPUTER ASSISTED

(REVISED DESCRIPTION)

A computer-assisted alternative to Math 025. Reviews the fundamentals of addition, subtraction, multiplication, division, fractions, decimals, integers, percentages, area, volume, perimeter, systems of measurement, graphs and word problems. Units do not apply to the associate degree.

MATH 058 ALGEBRA PREPARATION – LECTURE

(REVISED PREREQUISITE AND DESCRIPTION)

Prerequisite: MATH-025 or MATH-026 or appropriate math placement as determined by the COC Mathematics assessment process.

Introduces the basic elements of algebra for those who need a preparatory course before enrolling in elementary algebra. An alternative to the MATH-059 computer-assisted course. Units do not apply to the associate degree.

MATH 059 ALGEBRA PREPARATION - COMPUTER-ASSISTED

(REVISED PREREQUISITE AND DESCRIPTION)

Prerequisite: MATH-025 or MATH-026 or appropriate math placement as determined by the COC Mathematics assessment process.

A computer-assisted introduction to the basic elements of algebra for those who need a preparatory course before enrolling in elementary algebra. An alternative to Math 058 lecture course. Units do not apply to the associate degree.

MATH 060 ELEMENTARY ALGEBRA

(REVISED PREREQUISITE)

Prerequisite: MATH-058 or MATH-059 or appropriate math placement as determined by the COC Mathematics assessment process.

MATH 083 GEOMETRY

(REVISED PREREQUISITE)

Prerequisite: MATH-060 or appropriate math placement as determined by the COC Mathematics assessment process.

MATH 102 TRIGONOMETRY

(REVISED PREREQUISITE)

Prerequisite: MATH-070 and MATH-083 or appropriate math placement as determined by the COC Mathematics assessment process.

MATH 103 COLLEGE ALGEBRA

(REVISED PREREQUISITE)

Prerequisite: MATH-070 or appropriate math placement as determined by the COC Mathematics assessment process.

MATH 104 PRECALCULUS

(REVISED PREREQUISITE)

Prerequisite: MATH-102 or appropriate math placement as determined by the COC Mathematics assessment process.

MATH 111 FINITE MATH

(REVISED PREREQUISITE AND DESCRIPTION)

Prerequisite: MATH-070 or MATH-075 or appropriate math placement as determined by the COC Mathematics assessment process.

Introduces math concepts related to game theory, linear algebra, finance, logic, probability and statistics.

MATH 130 MATH FOR ELEMENTARY SCHOOL TEACHERS

(REVISED PREREQUISITE AND DESCRIPTION)

Prerequisite: MATH-070 or MATH-075 or appropriate math placement as determined by the COC Mathematics assessment process.

Introduces number theory, problem solving techniques, and the development, structure and history of the real number system. (Designed primarily for students intending to teach at the elementary or junior high school level.)

PROGRAM / COURSE DESCRIPTIONS

MATH 140 INTRODUCTORY STATISTICS

(REVISED PREREQUISITE AND DESCRIPTION)

Prerequisite: MATH-070 or MATH-075 or appropriate math placement as determined by the COC Mathematics assessment process.

Examines statistical methods including empirical and theoretical frequency distributions, sampling, estimation, hypothesis testing, correlation, regression, probability, counting techniques and computer-based statistical software. UC credit limitation: ECON-291, MATH-140, MATH-140H, PSYCH-104 and SOCI-137 combined, maximum credit one course.

MATH 140H INTRODUCTORY STATISTICS – HONORS

(REVISED PREREQUISITE AND DESCRIPTION)

Prerequisite: MATH-070 or MATH-075 or appropriate math placement as determined by the COC Mathematics assessment process.

Examines statistical methods including empirical and theoretical frequency distributions, sampling, estimation, hypothesis testing, correlation, regression, probability, counting techniques and computer-based statistical software. Honors work challenges students to be more analytical through expanded assignments involving critical analysis of peer-reviewed journals and primary scientific literature. UC credit limitation: ECON-291, MATH-140, MATH-140H, PSYCH-104 and SOCI-137 combined, maximum credit one course.

MATH 211 CALCULUS I

(REVISED PREREQUISITE)

Prerequisite: MATH-104, MATH-102 and MATH-103 if completed prior to Fall 2007, or appropriate math placement as determined by the COC Mathematics assessment process.

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PHILOSOPHY

PHILOS-210

(DELETE COURSE - PHILOS-120 REPLACES IT)

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POLITICAL SCIENCE

POLISC 210 MODEL UNITED NATIONS

(COURSE TITLE CORRECTION)

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THEATRE

THEATR 190B CLASSICAL THEATRE PRODUCTION

(COURSE TITLE CORRECTION)

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WELDING

Associate in Science Degree and Certificate of Achievement: Welding Technology

(ASSOCIATE IN SCIENCE DEGREE LEFT OUT)